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306-0282

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STN: _____
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DRLink: _____
Lexis/Nexis: _____
Sequence Sys.: _____
WWW/Internet: _____
Other (specify): _____

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Db 181 CCTGACAGAGGTGAAGGGCCAGAGCGCTGCGCAAGACGTCCTCGACCTGCGGCGGA 240
QY 241 GATCATCGATGTGGCGGGGATCCAGAACCTATCGAGCTGCGGAAGAAACCCAGCAGAA 300
Db 241 GATCATCGATGTGGCGGGGATCCAGAACCTATCGAGCTGCGGAAGAAACCCAGCAGAA 300
QY 301 GAAGCGGAGCTGTGCGCCCTGCGATGAGCGCGCCCGCCAGAGCCCGAGGAGTCACTGG 360
Db 301 GAAGCGGAGCTGTGCGCCCTGCGATGAGCGCGCCCGCCAGAGCCCGAGGAGTCACTGG 360
QY 361 CCCTGTGATGAGAGACCTTCTCTGAAAGCTGCGGTGAGGGGAAATGAAGTTCATTGA 420
Db 361 CCCTGTGATGAGAGACCTTCTCTGAAAGCTGCGGTGAGGGGAAATGAAGTTCATTGA 420
QY 421 GAAGTTCCTGGCTGACGGGGGTGAGCCGACAGCTGCGACAGTTCCTGCGGACAGCACT 480
Db 421 GAAGTTCCTGGCTGACGGGGGTGAGCCGACAGCTGCGACAGTTCCTGCGGACAGCACT 480
QY 481 GCACCGAGCTTCCCTGGAAGGCCACATGGAATCCTTGGAGAGCTTCTAGATAATGGGC 540
Db 481 GCACCGAGCTTCCCTGGAAGGCCACATGGAATCCTTGGAGAGCTTCTAGATAATGGGC 540
QY 541 CACTGTGACTTCCAGATCGGTGGACTGCACAGCCATGATTTGGGCTGCGCGGGG 600
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QY 601 CCCTTAGAGGTGGTGAAGCTTCTGAAAGCCATGGAGCAGACACCAATGTGAGGATAA 660
Db 601 CCCTTAGAGGTGGTGAAGCTTCTGAAAGCCATGGAGCAGACACCAATGTGAGGATAA 660
QY 661 GCTGCTGAGCACCCTGCTGACGTGGCAGTCCGACAGGCGAGGCGAGTGTGGAGCA 720
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QY 721 CTTTCTATCCTGGGCTGGAATCAATGCGAGAGAGGAGGATCTGCCCTGCA 780
Db 721 CTTTCTATCCTGGGCTGGAATCAATGCGAGAGAGGAGGATCTGCCCTGCA 780
QY 781 TGACGCTGTGAGGCTAACCGCTACAAATCATCAAACTGCTGCTGCTGATGGGCTGA 840
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QY 841 CATGATGACCAAGAACCTGCGAGAGAGCCCGACGAGCTGCTGAGCTGCGCAGGC 900
Db 841 CATGATGACCAAGAACCTGCGAGAGAGCCCGACGAGCTGCTGAGCTGCGCAGGC 900
QY 901 TGATACCCGACGCCCTGGAGCATCCTGAGCGGGGCTGAGCATTAACGGGCTGGAGGG 960
Db 901 TGATACCCGACGCCCTGGAGCATCCTGAGCGGGGCTGAGCATTAACGGGCTGGAGGG 960
QY 961 GCCTAATGATAGTGGGCGAGAGCCCTCAGCCTGTCGACAGCCAGTGAATGCGTGCCTC 1020
Db 961 GCCTAATGATAGTGGGCGAGAGCCCTCAGCCTGTCGACAGCCAGTGAATGCGTGCCTC 1020
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QY 1081 CGGAGCTTAAGTGGGCGCCAGCCCTTTTCTGATGATCCAGGAGCACAATACCACAACT 1140
Db 1081 CGGAGCTTAAGTGGGCGCCAGCCCTTTTCTGATGATCCAGGAGCACAATACCACAACT 1140
QY 1141 ACCACATAAAGAGCTG 1158
Db 1141 ACCACATAAAGAGCTG 1158

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RESULT 2

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; US-09-758-593A-2
; Sequence 2, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.

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; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758, 593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 2
; LENGTH: 1158
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 5578191CBI
; US-09-758-593A-2

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Query Match 100.0%; Score 1158; DB 10; Length 1158;

Best Local Similarity 100.0%; Pred. No. 5.6e-273;

Matches 1158; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 CAGTCGAGGAGCGGCACCATGGAGGACTCCGAGGCGGTGCAGAGGCCACACAGCGTCA 60
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QY 61 CGAGCAGCGCTGGCAGAGGAGGAGATGAGAACTCCGAGGAGACACACGCCAGAA 120
Db 61 CGAGCAGCGCTGGCAGAGGAGGAGATGAGAACTCCGAGGAGACACACGCCAGAA 120
QY 121 GCTGCCCATGACTTGTGCTGTGGAGGATGAGAACACACCGGGCTCAGAGTGCAGC 180
Db 121 GCTGCCCATGACTTGTGCTGTGGAGGATGAGAACACACCGGGCTCAGAGTGCAGC 180
QY 181 CTTGCAAGAGGTGAAGGGCCAGAGCGCTGCGCAAGACGTCCTTGGACCTGCGCGGGA 240
Db 181 CTTGCAAGAGGTGAAGGGCCAGAGCGCTGCGCAAGACGTCCTTGGACCTGCGCGGGA 240
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QY 301 GAAGCGGAGCGCTGTGCGCCCTGCGATGAGCGCCCGCCAGAGCCCGAGGAGTCACTGG 360
Db 301 GAAGCGGAGCGCTGTGCGCCCTGCGATGAGCGCCCGCCAGAGCCCGAGGAGTCACTGG 360
QY 361 CCCTGTGATGAGAGACCTTCTCTGAAAGCTGCGGTGAGGGGAAATGAAGTTCATTGA 420
Db 361 CCCTGTGATGAGAGACCTTCTCTGAAAGCTGCGGTGAGGGGAAATGAAGTTCATTGA 420
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QY 721 CTTTCTATCCTGGGCTGGAATCAATGCGAGAGAGGAGGATCTGCCCTGCA 780
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QY 781 TGACGCTGTGAGGCTAACCGCTACAAATCATCAAACTGCTGCTGCTGATGGGCTGA 840

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Db 781 TGACGCTGTGAGGCTCAACCCCTACAAAATCATCAAACTGCTGCTCTGCAATGGGGCTGA 840
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Db 841 CATGATGACCAAGAACTGGCAGGAAAGACCCGACGACCTGCTGAGCTCTGSCAGGC 900
QY 901 TGATACCCGGCAGCCCTGGAGCATCTCTGAGCCGGGGCTGAGCATAAACGGGCTGGAGGG 960
Db 901 TGATACCCGGCAGCCCTGGAGCATCTCTGAGCCGGGGCTGAGCATAAACGGGCTGGAGGG 960
QY 961 GCCTAATGATAGTGGGAGAGACCCCTCAGCCTGTGCCAGCCAGTGAATGCGTGCACC 1020
Db 961 GCCTAATGATAGTGGGAGAGACCCCTCAGCCTGTGCCAGCCAGTGAATGCGTGCACC 1020
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Db 1021 AGCCAGCAGCTACCCAGCCCTCTCTGTGTCAGCCGGAGGCTCCTAAGAATGGCTCC 1080
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Db 1081 CGGAGCTAACTGAGGGCCAGCCCTTTTCTGTCATGATCCAGGAGCACATACCAACAACT 1140
QY 1141 ACCACAATAAAAGCTG 1158
Db 1141 ACCACAATAAAAGCTG 1158

RESULT 3
US-09-758-593A-5/c
; Sequence 5, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758, 593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 5
; LENGTH: 569
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 972118T6
US-09-758-593A-5

Query Match 49.1%; Score 569; DB 10; Length 569;
Best Local Similarity 100.0%; Pred. No. 1.1e-129;
Matches 569; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 558 ATCCGCTGGAGTGCACAGCCATGATTGGGCTTCCGCGGGGGCCACTTAGAGTGGTGA 617
Db 569 ATCCGCTGGAGTGCACAGCCATGATTGGGCTTCCGCGGGGGCCACTTAGAGTGGTGA 510
QY 618 AACTTCTGCAAGCATGGAGCAGACCAATGTGAGGATAAGCTGCTGAGCACCCCGC 677
Db 509 AACTTCTGCAAGCATGGAGCAGACCAATGTGAGGATAAGCTGCTGAGCACCCCGC 450
QY 678 TGCAGTGGCAGTCCGACAGGGCAGGTGGAGATTGTGGAGCACTTTCTATCCCTGGGCC 737
Db 449 TGCAGTGGCAGTCCGACAGGGCAGGTGGAGATTGTGGAGCACTTTCTATCCCTGGGCC 390
QY 738 TGGAAATCAATGCCAGAGACAGGGAAGGGATATGCGCCTGCATGACGCTGTGAGGCTCA 797
Db 389 TGGAAATCAATGCCAGAGACAGGGAAGGGATATGCGCCTGCATGACGCTGTGAGGCTCA 330
QY 798 ACCGCTACAAATCATCAAACTGCTCTCTGTCATGAGGGCTGACATGATGACCAAGACC 857
Db 329 ACCGCTACAAATCATCAAACTGCTCTCTGTCATGAGGGCTGACATGATGACCAAGACC 270
QY 858 TGGCAGGAAGACCCGACGACCTGCTGTCAGCTCTGTCAGGCTGATACCCGGCAGCGCC 917

Db 269 TGGCAGGAAGAACCCCGACGACCTGTGTGACGCTGTGTCAGGCTGATACCCGGCAGGCC 210
QY 918 TGGAGCATCTTGAGCCGGGGCTGAGCATAAACGGGCTGGAGGGCTTAATGATAGTGGC 977
Db 209 TGGAGCATCTTGAGCCGGGGCTGAGCATAAACGGGCTGGAGGGCTTAATGATAGTGGC 150
QY 978 GAGAGACCCCTCAGCCTGTGCCAGCCAGTGAATGCGTGGCCAGCCAGCCAGCAGTACCC 1037
Db 149 GAGAGACCCCTCAGCCTGTGCCAGCCAGTGAATGCGTGGCCAGCCAGCCAGCAGTACCC 90
QY 1038 AGCCCTCTCTGTGTCAGCCGGAGGCTCCTAAGAATGGCTCCCGAGCTAACTAGAGGC 1097
Db 89 AGCCCTCTCTGTGTCAGCCGGAGGCTCCTAAGAATGGCTCCCGAGCTAACTAGAGGC 30
QY 1098 CCAGCCTTTTCTGTCATGATCCAGGAGC 1126
Db 29 CCAGCCTTTTCTGTCATGATCCAGGAGC 1
RESULT 4
US-09-758-593A-3
; Sequence 3, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758, 593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 3
; LENGTH: 576
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 972118R6
US-09-758-593A-3

Query Match 47.5%; Score 550.4; DB 10; Length 576;
Best Local Similarity 99.5%; Pred. No. 3.8e-125;
Matches 573; Conservative 0; Mismatches 1; Indels 2; Gaps 2;
QY 11 GACGGCACCATGGAGGACTCCGAGGCGGTGAGAGGGCCACAGCGCTCATCGAGCAGCG 70
Db 1 GACGGCACCATGGAGGACTCCGAGGCGGTGAGAGGGCCACAGCGCTCATCGAGCAGCG 60
QY 71 CTGGCAGAGGAGGAGGAATGAGAACTCCGAGGAGACACACGCGCAAGCTGCCCATG 130
Db 61 CTGGCAGAGGAGGAGGAATGAGAACTCCGAGGAGAGCAGCGCAAGCTGCCCATG 120
QY 131 GACTTGTGCTGTGAGGATGAGAAAGCACCACGGGGCTCAGAGTGCAGCCCTGCAGAG 190
Db 121 GACTTGTGCTGTGAGGATGAGAAAGCACCACGGGGCTCAGAGTGCAGCCCTGCAGAG 180
QY 191 GTGAAGGCCAAGAGCGCGTGGCAAGAGCTCCCTGGACCTGCGGGGGAGATCATCAT 250
Db 181 GTGAAGGCCAAGAGCGCGTGGCAAGAGCTCCCTGGACCTGCGGGGGAGATCATCAT 240
QY 251 GTGGCGGGATCCAGAACTCATCGAGCTGGGGAAGAAACGCAAGCAGAAAGCGGGAC 310
Db 241 GTGGCGGGATCCAGAACTCATCGAGCTGGGGAAGAAACGCAAGCAGAAAGCGGGAC 300
QY 311 GCTTGTGGCGGCTCGCATGAGCCGCCCCAGAGCCCGAGGAGATCACTGGCCCTGTGAT 370
Db 301 GCTTGTGGCGGCTCGCATGAGCCGCCCCAGAGCCCGAGGAGATCACTGGCCCTGTGAT 360
QY 371 GAGGAGACCTTCTCTGAAAGCTGCGGTGGAGGGGAAA -ATGAAGGTCTATTGAGAGTTCT 429
Db 361 GAGGAGACCTTCTCTGAAAGCTGCGGTGGAGGGGAAAACATGAAGGTCTATTGAGAGTTCT 420

QY 430 GCGTACGGGGGTGACGCGACACGCTGCGACAGCTTCCGTCGGACAGCAGCACTGCACCGAGC 489
Db 421 GCGTACGGGGGTGACGCGACACGCTGCGACAGCTTCCGTCGGACAGCAGCACTGCACCGAGC 480
QY 490 TTCCCTGGAA-GGCCACATGGAATCCTGGAGAGCTTCTAGATAATGGGCCACTGTGG 548
Db 481 TTCCCTGGAAAGGGCCACATGGAATCCTGGAGAGCTTCTAGATAATGGGCCACTGTGG 540
QY 549 ACTTCAGGATCGCTGGAGTGCACAGCCATGCATT 584
Db 541 ACTTCAGGATCGCTGGAGTGCACAGCCATGCATT 576

RESULT 5
US-09-833-381-837
; Sequence 837, Application US/09833381
; Patent No. US2002013209A1
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E.
; TITLE OF INVENTION: No. US2002013209A1: Nucleic Acid and Protein Homologs
; FILE REFERENCE: 5800-119
; CURRENT APPLICATION NUMBER: US/09/833,381
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 09/516,448
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 2050
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 837
; LENGTH: 550
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-833-381-837

Query Match 43.2%; Score 500; DB 10; Length 550;
Best Local Similarity 100.0%; Pred. No. 7e-113; Indels 0; Gaps 0;
Matches 500; Conservative 0; Mismatches 0;

QY 659 AAGCTGTGTAGACCCCGCTGCGAGTCCGGACAGCGGAGGTGGAGATTGTGGAG 718
Db 1 AAGCTGTGTAGACCCCGCTGCGAGTCCGGACAGCGGAGGTGGAGATTGTGGAG 60

QY 719 CACTTTCTATCCCTGGCCCTGGAAATCAATGCCAGACAGGGAAGGGTACTGCCCTG 778
Db 61 CACTTTCTATCCCTGGCCCTGGAAATCAATGCCAGACAGGGAAGGGTACTGCCCTG 120

QY 779 CATGACGCTGTGAGGCTCAACCCGTCAAAATCATCAAACTGCTCTCTGCAATGGGCT 838
Db 121 CATGACGCTGTGAGGCTCAACCCGTCAAAATCATCAAACTGCTCTCTGCAATGGGCT 180

QY 839 GACATGATGACCAAGAACCTGGCAGGAAGACCCCGACGACCTGCTGCACTCTGGCAG 898
Db 181 GACATGATGACCAAGAACCTGGCAGGAAGACCCCGACGACCTGCTGCACTCTGGCAG 240

QY 899 GCTGATACCCGGACGCGCTGGAGCATCTGAGCGGGGCTGAGCATACAGGCTGGAG 958
Db 241 GCTGATACCCGGACGCGCTGGAGCATCTGAGCGGGGCTGAGCATACAGGCTGGAG 300

QY 959 GGCCTAATCATAGTGGGCGAGAGACCCCTGAGCTGTGCCAGCCAGTGAATGCGTGCC 1018
Db 301 GGCCTAATCATAGTGGGCGAGAGACCCCTGAGCTGTGCCAGCCAGTGAATGCGTGCC 1078

QY 1019 CCAGCCCGACGAGTACCCAGCCCTCTCTGTGTGACGCGGAGGCTCCTAAGAATGGCT 1078
Db 361 CCAGCCCGACGAGTACCCAGCCCTCTCTGTGTGACGCGGAGGCTCCTAAGAATGGCT 420

QY 1079 CCGGAGCTAACTAGGCGGCCCGGCTTTTCTGTCATGATCCAGGACCATACCAAAA 1138
Db 421 CCGGAGCTAACTAGGCGGCCCGGCTTTTCTGTCATGATCCAGGACCATACCAAAA 480

QY 1139 CTACCAATAAAAAAGCTG 1158
Db 481 CTACCAATAAAAAAGCTG 500

RESULT 6
US-09-758-593A-6
; Sequence 6, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758,593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 6
; LENGTH: 330
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 7350215H1
US-09-758-593A-6

Query Match 26.3%; Score 304; DB 10; Length 330;
Best Local Similarity 100.0%; Pred. No. 3.1e-65; Indels 0; Gaps 0;
Matches 304; Conservative 0; Mismatches 0;

QY 855 ACCTGGCAGGAAAGACCCCGACGACCTGTGTCAGCTCTGGCAGGCTGTGACCCGGCAGC 914
Db 1 ACCTGGCAGGAAAGACCCCGACGACCTGTGTCAGCTCTGGCAGGCTGTGACCCGGCAGC 60

QY 915 CCCTGGAGCATCTGAGCCGGGGCTGTGAGCATACCGGGTGGAGGGCCCTAATGATAGTG 974
Db 61 CCCTGGAGCATCTGAGCCGGGGCTGTGAGCATACCGGGTGGAGGGCCCTAATGATAGTG 120

QY 975 GCGAGAGACCCCTCAGCCCTGTGCCAGCCAGTGAATGCTGCCAGCCAGCCAGCAGCTA 1034
Db 121 GCGAGAGACCCCTCAGCCCTGTGCCAGCCAGTGAATGCTGCCAGCCAGCCAGCAGCTA 180

QY 1035 CCAGCCCTCTCTGTGTGTCAGCCGGAGGCTCTTAAGAATGGCTCCCGAGCTAACTGAG 1094
Db 181 CCAGCCCTCTCTGTGTGTCAGCCGGAGGCTCTTAAGAATGGCTCCCGAGCTAACTGAG 240

QY 1095 GGCCCGAGCCTTTTCTGTCATGATCCAGGACACATACCAAACTACCAATAAAAA 1154
Db 241 GGCCCGAGCCTTTTCTGTCATGATCCAGGACACATACCAAACTACCAATAAAAA 300

QY 1155 GCTG 1158
Db 301 GCTG 304

RESULT 7
US-09-758-593A-4
; Sequence 4, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758,593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 4
; LENGTH: 253
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 4852018H1
US-09-758-593A-4

Query Match 21.8%; Score 253; DB 10; Length 253;

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Best Local Similarity 100.0%; Pred. No. 7.5e-53;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 357 CTGGCCCTGTGATGAGGAGACCTTCTCTAAAGCTGCGGTGAGGGGAAATGAAGGTCA 416
Db 1 CTGGCCCTGTGATGAGGAGACCTTCTCTAAAGCTGCGGTGAGGGGAAATGAAGGTCA 60
QY 417 TTGAGAAGTTCTGGCTGACGGGGGTGACCGACACGTCGACACGATTTCCCTGCGACAG 476
Db 61 TTGAGAAGTTCTGGCTGACGGGGGTGACCGACACGTCGACACGATTTCCCTGCGACAG 120
QY 477 CACTGACGAGCTTCCCTGGAAGGCCACATGGAATCTCTGAGAGCTTCTAGATAATG 536
Db 121 CACTGACGAGCTTCCCTGGAAGGCCACATGGAATCTCTGAGAGCTTCTAGATAATG 180
QY 537 GGGCCACTGTGACTTCCAGGATCGGCTGGACTGACAGCCCATGATTGGGCTGCCGG 596
Db 181 GGGCCACTGTGACTTCCAGGATCGGCTGGACTGACAGCCCATGATTGGGCTGCCGG 240
QY 597 GGGGCCACTTAGA 609
Db 241 GGGGCCACTTAGA 253

RESULT 8
US-09-794-298-182
; Sequence 182, Application US/09974298
; Patent No. US20020156263A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Huel-Mei
; TITLE OF INVENTION: GENES EXPRESSED IN BREAST CANCER
; FILE REFERENCE: PA-0037 P
; CURRENT APPLICATION NUMBER: US/09/974,298
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/238,331
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PERL Program
; SEQ ID NO 182
; LENGTH: 1889
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020156263A1 332919.4
; NAME/KEY: unsure
; LOCATION: 1882
; OTHER INFORMATION: a, t, c, g, or other
US-09-794-298-182

Query Match 21.5%; Score 248.4; DB 9; Length 1889;
Best Local Similarity 64.7%; Pred. No. 1.8e-51;
Matches 369; Conservative 0; Mismatches 201; Indels 0; Gaps 0;

QY 338 CCAGAGCCCGAGGAGATCACTGGCCCTGTGGATGAGGAGACCTTCTCTAAAGCTGGGGTG 397
Db 478 CCAGAGACCTGAATCATATTACGNACTGTGGATGTGCCTACGTTCTGAAGCTGCTCTG 537
QY 398 GAGGGGAAATGAAGTCAATTGAGAAGTTCTCTGGCTGACGGGGGTGACGCCGACAGTGC 457
Db 538 GAGAATAAACTGCCAGTAGTAAAAAATTTCTTGTGACAGAAGAACAAATCCAGATGTTGT 597
QY 458 GACCAGTTCCGTCGACAGACACTGCACCGAGCTTCCCTGGAAGGCCACATGGAATCCNG 517
Db 598 GATGAGTATAACGGACACACTTTCATAGAGCATGCTTCCGAAGGACATTTGGCAATTTGT 657
QY 518 GAGAAGCTTCTAGATAATGGGGCCACTGTGGACTTCCAGGATCGGCTGACGATGCCAGCC 577
Db 658 GAGAAGTAAATGAAGCTGGAGCCGACATCGAATTCCTGATATGCTTGAATCCACAGCC 717
QY 578 ATGCATTTGGGCTCGCGGGGGCCACTTTAGAGGTGGTGAATCTTGTCAAAAGCCATGGA 637
Db 718 ATCCACTGGGCAAGCGGTGGAGAAACCTGGATGTTTTAAAAATTTGTTGCTGAATAAAGGA 777

Best Local Similarity 100.0%; Pred. No. 7.5e-53;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 638 GCAGACACCAATGTGAGGATAAGCTGCTGAGCACCCCGCTGCACCTGGCAGTCCGACG 697
Db 778 GCAAAATTTAGCGCCCGAGATAGTTGCTCAGCACAGCCGCTGCATGTGGCGGTGAGGACT 837
QY 698 GGGCAGGTGGAGATGTTGGAGCAGCTTTCTATCCCTGGGCTTGGAAATCAATGCCAGAGAC 757
Db 838 GGCCACTATGAGTGGCGCGGAGCATCTTATCGCTGTGAGGCGACACCTCAACGCCAAAGAC 897
QY 758 AGGAGAGGGATACCTCCCTGCTGATGACGCTGTGAGGCTCAACCGCTACAAATCATCAA 817
Db 898 AGAGAAGGAGATACCCCGTTGCTGATGATGCGGTGAGACTGAACCGCTTATAGATGATCCGA 957
QY 818 CTGCTGCTCTCTGATGGGCTGACATGATGACCAAGAACTGGCAGGAAGAACCCCGACG 877
Db 958 CTCCTGATTATGATGCGCGGATCTCAACATCAAGAACTGTGCTGGGAAGAGCCGATG 1017
QY 878 GACCTGGTCCAGCTCTGGCAGGCTGATACC 907
Db 1018 GATCTGCTACTACTGGCAGAATGAACC 1047

RESULT 9
US-09-758-593A-9
; Sequence 9, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758,593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 9
; LENGTH: 315
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 700188047H1
; NAME/KEY: unsure
; LOCATION: 54, 80, 121
; OTHER INFORMATION: a, t, c, g, or other
US-09-758-593A-9

Query Match 18.2%; Score 210.6; DB 10; Length 315;
Best Local Similarity 82.9%; Pred. No. 1.7e-42;
Matches 262; Conservative 0; Mismatches 52; Indels 2; Gaps 2;

QY 380 TTCTCTAAAGCTGCGGTGAGGGGAAATGAAGTCAATGAGAACTTCTGCTGAGGG 439
Db 2 TTCTCTAAAGCTGCGGTGAGGGGAAATGAAGTCAATGAGAACTTCTGCTGAGGG 61
QY 440 GGCTGAGCGACGACGCTGCGACCACTTCCGTCGGACAGCACTGCACGAGCTTCCCTGGAA 499
Db 62 GGTTCGGGAGACACCTGTGATGATGCTGCGGAGACACTGCTGCGGCTCCCTGGAN 121
QY 500 GGCCACATGGAATCTCTGAGAGCTTCTAGATAATATGGGGCCACTGTGGAGTTCAGGAT 559
Db 122 GGACACATGGAGTACTTGGAGAACTTCTGGAGAAATGGGGCCACCTGAGACTTCCAGAT 181
QY 560 CGGCTGCACTGCACAGCCCATGCTGGGCTGCGGGGGGGCCACTTAGAGGTGTCGAA 619
Db 182 CGCTGCACTGCACAGCCCATGCTGGGCTGCGGGGGGGCCACTTAGAGGTGTCGAA 241
QY 620 CTCTCTCAAAAGCCATGGAGCAGACCAATGTGAGGGAATGAAGTGTGAGCACCCTCGCTG 679
Db 242 -TCTTCAAAAGTGGGGGGCCACCGAGGTGAGAGACAGCT-ATGAGCACTCCCTG 299
QY 680 CAGTGGCAGTCCGGA 695
Db 300 CATGTGGGCTCCGTA 315
```

RESULT 10
US-09-758-593A-7
; Sequence 7, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758,593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 7
; LENGTH: 255
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 700911986H1
; -09-758-593A-7

Query Match 15.9%; Score 183.6; DB 10; Length 255;
Best Local Similarity 82.7%; Pred. No. 5.9e-36;
Matches 210; Conservative 0; Mismatches 44; Indels 0; Gaps 0;
QY 10 GGAGCGGACCACTCCGAGGCTCCGAGGCTCCGAGGCGCCACAGCGCTCATCGAGCAGCG 69
DB 2 GGAAGCCACCATGAGGCTCCGAGGCTCCGAGGCTCCGAGGCGCCACAGCGCTCATCGAGCAGCG 61
QY 70 GCTGGCAGAGGAGGAGATGAGAACTCCGAGGAGACACAGCCAGAGCTGCCCAT 129
DB 62 GCTTGGCAGGAGGAGGAGATGAGAACTCCGAGGAGACACAGCCAGAGCTGCCCAT 121
QY 130 GCACTGCTGTGCTGGAGGATGAGAACACACAGCGGCTCAGAGTCCAGCCCTGCAGAA 189
DB 122 GGACATGCTAGTGTAGAGGAGAGAGCGCTCGGGGTGCAGAGTCTGCTTTACAAAA 181
QY 190 GGTGAAGGCGCAAGAGCGCTGCGCAAGACGCTCCTTGACCTGCGGGGAGATCATCGA 249
DB 182 GGTGAAGGCGCAAGAGCGCTGCGCAAGACATCCTTGACCTGCGAGATCATGTA 241
QY 250 TGTGGCGGGATCC 263
DB 242 CGTGGCGGGATCC 255

RESULT 11
US-09-758-593A-8
; Sequence 8, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758,593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 8
; LENGTH: 275
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 701144158H1
; -09-758-593A-8

Query Match 14.7%; Score 170.2; DB 10; Length 275;
Best Local Similarity 81.3%; Pred. No. 1.1e-32;
Matches 222; Conservative 0; Mismatches 48; Indels 3; Gaps 2;

QY 19 CATGAGGACTCCGAGGCTCCGAGGCGCCACAGCGCTCATCGAGAGCGGCTGGC--A 76
DB 4 CATGAGGCTCCGAGGCTCCGAGGCTCCGAGGCGCCACAGCGCTCATCGAGAGCGGCTGGCGA 63
QY 77 CAGGAGGAGGAGATGAGAACTCCGAGGAGACACAGCCAGAGCTGCCCATGGACTTG 136
DB 64 ATGAGGAGAGAGACTGAGAACTTCGAGAGGCCACTCCTGGGAGAGACGCTCCATGGACATG 123
QY 137 CTGGTGTGGAGGATGAGAACACACAGCGGCTCAGAGTGCAGGCCTGCAGAAAGGTGAAG 196
DB 124 CTAGTGTAGAGGAGAGAGAGCGCC-TGGGGTGCAGAGTCTCTTTACAAAAGGTTAAG 182
QY 197 GGCAAGAGCGCTGCGGAGAGACGCTCCTGACCTGCGGGGAGATCATCGATGTGGGC 256
DB 183 GGCAAGAGCGCTGCGGAGAGACATCCTGGACTTGCACGTGAGATCATTTGACGTGGGC 242
QY 257 GGGATCCAGAACCTCATGGAGCTCGGAAGAA 289
DB 243 GGGATCCAGAACCTCATAGAACTGAGGAAAAA 275

RESULT 12
US-09-758-593A-10
; Sequence 10, Application US/09758593A
; Patent No. US20020127636A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael, G.
; TITLE OF INVENTION: Ankyrin Repeat Domain 2 Protein
; FILE REFERENCE: PC-0025 CIP
; CURRENT APPLICATION NUMBER: US/09/758,593A
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 10
; LENGTH: 207
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020127636A1 700913268H1
; US-09-758-593A-10

Query Match 13.6%; Score 157.4; DB 10; Length 207;
Best Local Similarity 85.0%; Pred. No. 1.3e-29;
Matches 176; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 743 ATCAATGCCAGAGAGGAGGATCTGCCCTGCAATGACGCTGTGAGGCTCAACCGC 802
DB 1 ATCAATGCCAAGACAGAGAGGAGGACAGTGCCTTGCATGATGCCGTGAGACTCAACCGC 60
QY 803 TACAAATCATCAAACTCTCTCTGATGGGCTGACATGATGACCAAGAACTGGCA 862
DB 61 TACAAATCATCAAACTCTCTCTGATGGGCGAGACATGATGGCTAAGAATATGGCG 120
QY 863 GGAAGACCCCGACGAGCTGGTGCAGCTTGGCAGGCTGATACCCGCGACGCCCTGGAG 922
DB 121 GGAAGACCCCTACCGAGCTGGTCCAGCTGTGGCAAGCAGACACCCGCGATGCCCTGGAG 180
QY 923 CATCTGAGCGGGGCTGAGCATAAC 949
DB 181 CACCTGAACCAAGATCAGACAGAAC 207

RESULT 13
US-09-833-381-839
; Sequence 839, Application US/09833381
; Patent No. US20020132090A1
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E.
; TITLE OF INVENTION: No. US20020132090A1el Nucleic Acid and Protein Homologs
; FILE REFERENCE: 5800-119
; CURRENT APPLICATION NUMBER: US/09/833,381
; CURRENT FILING DATE: 2001-04-11

Db	592	GGTGAGCACTGGTCATTACAGATGGCGCTGAGCACTCATCGCGCTGGAGGCTGATCTCAA	751
Qy	748	TGCGCAGACAGGGAAGGGGATACTGCCCTGCATGACGCTGTGAGGCTCAACCGGTACAA	807
Db	752	TGCCAAGGACAGAGAGGAGACACCCCACTGCATGATGCTGTGAGGCTCAACCGGTATAA	811
Qy	808	AATCATCAAACTGCTCTGCTCTGATGGGCGTCATGATGACCAAGAACCTGGCAGGAA	867
Db	812	GATGATTCGACTCTTGATGACCTTCGTTGGGACCTCAAGGTCAAGAACTGTCTGGGAA	871
Qy	868	GACCCGACGAGCACTGGTCAGCTCTGGCAGGCTGTATACC	907
Db	872	GACCCCATGGATCTGGTGTTCAGCTGGCAGAGTGGAAAC	911

```

RESULT 2
US-09-172-977-2
; Sequence 2, Application US/09172977
; Patent No. 5989863
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Guegler, Karl J.
; APPLICANT: Corley, Neil C.
; APPLICANT: Yue, Henry
; TITLE OF INVENTION: HUMAN ANKYRIN FAMILY PROTEIN
; FILE REFERENCE: PF-0615 US
; CURRENT APPLICATION NUMBER: US/09/172,977
; CURRENT FILING DATE: 1998-10-14
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PERL Program
; SEQ ID NO 2
; LENGTH: 1288
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE: -
; OTHER INFORMATION: 1808075
US-09-172-977-2

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Query Match	6.7%	Score 77.2	DB 2	Length 1288	
Best Local Similarity	48.2%	Pred. No. 3.2e-10			
Matches 217	Conservative	0	Mismatches 233	Indels 0	Gaps
Qy	435	ACGGGGGTGACGGCAGACCTGGCAGCAGTTCGTCGGAGCAGCAGCTGCACCGAGCTTCOC	494		
Db	589	ACGAGGTGTAGCTCTGCCGGCACCTAGACTCCCTGTCCTCCATCCACAGCTCGCAGCAC	648		
Qy	495	TGGAAGCCACATGGAAATCCTCGAGAGCTTCTAGATATATGGGGCCACTGTGGACTTCOC	555		
Db	649	AGGGGGAGCTGGACACAGCTGAAGAGGCAATTGGCGAAGGTGACAACCTCGTCAACAAGC	708		
Qy	555	AGGATCGGCTGGACTGCACAGCCATGCATTGGGCCCTCCCGCGGGGCCACTTAGAGGTGG	614		
Db	709	CAGACGAGCGCGCTTCACCCCTCATCTGGGCCCTCCGCCCTTGGAGAGATTGACACCG	768		
Qy	615	TGAAACTTTCGAAAGCCATGGAGCAGACACACCAATGTGAGGGATAGCTGTGTGAGCACCC	674		
Db	769	TTCTGCTTCTGCTGTGAGTGGGGTGCACACCCACACATCTCTGGCAAAGACGACGAGAGG	828		
Qy	675	CGCTGCACGTGGCAGTCCGACACAGGCGAGGTGGAGATTGTGGAGCAGCTTTCATCCCTGG	734		
Db	829	CCCTGTCTGGCCAGCACAGGCGGCTACACAGACATTGTGGGGCTGCTCTGGAGCGTG	888		
Qy	735	GCCTTGAATTCATGTCAGAGACAGGAGAGGGGATCTGCCCTGCATGACGCTGTGAGGC	794		
Db	889	ACGTGGACATCAACATCTATTGTGAATGAGGAGGACGCCACTGCTGTACGCTGTGCGGG	948		
Qy	795	TCAACCGCTCAAAATCATCAAACTGCTGCTCTGATGGGCTGACATGATGACCAAGA	854		
Db	949	GGAACACGTTAAATGCTTGAAGCCCTTGTGSCCGGAGCGCTGACCTCACCCACCGAAG	1000		
Qy	855	ACCTGGCAGGAAAGACCCCGACGGAOCTGG	884		
Db	1009	CCGACTCTGGCTACACCCCGATGACCTTG	1038		

```

RESULT 3
US-09-302-769-32
; Sequence 32, Application US/09302769
; Patent No. 6323317
; GENERAL INFORMATION:
; APPLICANT: HILTON, Douglas J
; APPLICANT: ALEXANDER, Warren S
; APPLICANT: VINEY, Elizabeth M
; APPLICANT: WILLSON, Tracey A
; APPLICANT: RICHARDSON, Rachael T
; APPLICANT: STARR, Robyn
; APPLICANT: NICHOLSON, Sandra E
; APPLICANT: METCALF, Donald
; APPLICANT: NICOLA, Nicos A
; TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC AGENTS
; FILE REFERENCE: 109762
; CURRENT APPLICATION NUMBER: US/09/302,769
; CURRENT FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: 08/962,560
; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32
; LENGTH: 2649
; TYPE: DNA
; ORGANISM: Human
US-09-302-769-32

Query Match          6.7%; Score 77.2; DB 4; Length 2649;
Best Local Similarity 48.4%; Pred. No. 4.1e-10;
Matches 214; Conservative 0; Mismatches 228; Indels 0; Gaps

Qy 386 AAAGCTCGGTGGAGGGGAAATGAAGGTCATTGAGAAGTTCTCGGTGACGGGGGTCA 445
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 619 AAAGCCTGTGAGCGCAAGACGCGGAGGCGGTGAGGATATTTGGTCGATACAACGCAGAC 678

Qy 446 GCCGACACGTCGCACCAAGTTCGTCGCGACAGCACTGCACCGAGTTCCTTGGAAAGGCCAC 505
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 679 GCCAACCCCGCTGTAACAGGGGCTGGACCGCACTGCACGAGTCTGTCTCCCGCAATGAC 738

Qy 506 ATGGAATCTCGAGAAGCTTCTAGATATATGGGGCCACTGTGGACTTCCAGGATCGGCTG 565
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 739 CTGGAGGTCTATGAGATCTCTAGTGTAGTGGCGGGGCCAAGGTGGAGCCAAAGATGTCTAC 798

Qy 566 GACTGTCACACCATGCTATTTGGGCTTCCCGCGGGGCCACTTAGAGGTGGTGAACCTTCTG 625
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 799 AGCATCACCCCTTTGTTTGGGCTGCCAGAGTGGCAGCTGGAGGCCCTGAGGTTCTG 858

Qy 626 CAAAGCCATGGACAGACACCAATGTGAGGGATAAGCTGCTGAGACCCCGCTGCACGTG 685
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 859 GCCAAGCATGGTCAGACATCAACACGCGAGGCCAGTGACAGTGCATCAGCCCTCTACGAG 918

Qy 686 GCAGTCGGGACAGCGCAGGTGGAGATTGTGGAGCACTTTCATCCCTGGGCCCTGGAATC 745
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 919 GCCAGCAAGAATGAGCATGAAGACGTTGAGAGTTCTTCTCTCAGGGCGCGCGATGCT 978

Qy 746 AATGCCAGACAGGAAGGGGATACTGCCCTGTCAGCTGTGAGGCTCAACCGCTCA 805
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 979 AACNAAGCAACAGACAGCGCCTGCTCCCCCTGCATGTTGCCTCCACAAGGGCACTAT 1038

Qy 806 AAAATCATCAAACTGCTGCTCC 827

Db 1039 AGAATAGTCAGATGCTGCTGC 1060

```

RESULT 4
US-09-082-059-1
; Sequence 1, Application US/09082059A
; Patent No. 6225086
; GENERAL INFORMATION:
; APPLICANT: MORROW, Jon S.

APPLICANT: Devarajan, Prasad
TITLE OF INVENTION: No. 6225086el Ankyrin Proteins and a Method for Their Identification
FILE REFERENCE: 44574-5002-US
CURRENT APPLICATION NUMBER: US/09/082.059A
CURRENT FILING DATE: 1998-05-21
EARLIER APPLICATION NUMBER: 60/047356
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 3454
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (131)..(3394)
OTHER INFORMATION: DNA/protein segment- human kidney Ankyrin G119
US-09-082-059-1

Query Match 6.5%; Score 75.6; DB 4; Length 3454;
Best Local Similarity 47.5%; Pred. No. 1.1e-09;
Matches 225; Conservative 0; Mismatches 249; Indels 0; Gaps 0;

Qy	378	CCITCCCTGAAGCTGCGGTGAGGGGAAATGAAGTTCATTGAGAGTTCTCTGGCTGACG	437
Db	993	CCGTCCATCTCGCAGCTCAGGAAGGCGACGTGGACATGGTCTGCTCTCGGTAGAA	1052
Qy	438	GGGGCTCAGCGCGACGCTGCGACAGTTCTCGTGGACAGCACTGCACCGAGCTTCCCTGG	497
Db	1053	ATGCGAATGGAACCTGAGCAANTAGAGCGCCCTGACCCCACTCCATTTGGCTGCTCAAG	1112
Qy	498	AAGCCACATGGAATCCTTGAGAGCTTCTAGATAATGGGGCCACTGTGGACTTCCAGG	557
Db	1113	AAGATCGAGTGAATGTGACAGAACTCTCGTAAACCAAGGGGCTCATGTGGACGCCAGA	1172
Qy	558	ATCGCTGGACTGCACAGCCATGATTTGGCTCGCGGGGGGGCCACTTAGAGTGTGA	617
Db	1173	CAAGATGGGATACACACCACTGATGTGGCTGCCCACTATGGAATATCAAGATTGTA	1232
Qy	618	AACCTTCTCAAAAGCGTGGAGCAGACACCAATGTGAGGATAAGCTGCTGAGCACCCCG	677
Db	1233	ATTCTCTGCTCCAGCTTCTGCAAAAGTTAATGCCAAACAAAGATGGGTATAGCCAT	1292
Qy	678	TGCAGTGGCAGTCGGACAGGGCAGGTGGAGATTGTGGACACTTTCTATCCCTGGGCC	737
Db	1293	TACATCAAGCAGCAGCAGGGGCATAGCATATAATAAATGTCTTACTTCAGAACAACG	1352
Qy	738	TGGAATCAATGCCAGACAGGAGGGGATGCTGCCCTGCATGACGCTGTGAGGCTCA	797
Db	1353	CCTCCCCCAATGAACCTCACTGTGAATGGGAATGCTGCTTGGCAATTCGCCGGGGCTCG	1412
Qy	798	ACCCTACAAATCATCAAACTGCTGCTCTGATGGGGCTGACATGATGACCA	851
Db	1413	GCTACATCTCAGTAGTGACACCCCTGAAGATAGTGACCGAAGAAACCATGACCA	1466

RESULT 5

US-09-035-706-1
Sequence 1, Application US/09035706
Patent No. 6001622
GENERAL INFORMATION:
APPLICANT: Dedhar, Shoukat
APPLICANT: Hannigan, Greg
TITLE OF INVENTION: Integrin-Linked Kinase and
TITLE OF INVENTION: Its Uses
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Avenue, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/035.706
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: KIN-2C1PI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3400
TELEFAX: 650 327-3231
TELEX:

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1789 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-035-706-1

Query Match 5.5%; Score 64.2; DB 3; Length 1789;
Best Local Similarity 49.8%; Pred. No. 6.2e-07;
Matches 162; Conservative 0; Mismatches 163; Indels 0; Gaps 0;

Qy	556	GGATCGCTGACATGCACAGCCATGGCTTGGCCCTGCCCGGGGCCCACTTAGAGGTGGT	615
Db	246	GGAGATCATGGCTTCTCCCTTGCACCTGGCCCTGCCGAGAGGCCCTCTGCTGTGGT	305
Qy	616	GAACCTTCTGCAAGCCATGGAGGAGACACCAATGTGAGGATAAGCTGTGAGCACCCC	675
Db	306	TGAGATGTTGATCATGCGGGGGGCACGGATCAATGTAATGAACCTGGGGATGACACCCC	365
Qy	676	GCTGACGTGGCAGTCCGGACAGGAGGTGGAGATTGGAGCACTTTCTATCCCTGGG	735
Db	366	CCTGCATCTGCAGCCAGTCAATGGACACCGTGATATTACAGAAGCTATTGCAGTCAA	425
Qy	736	CCTGGAATCAATGCCAGACAGGAGGATGACTGCCCTGCGATGACGCTGTGAGCT	795
Db	426	GGCAGACATCAATGCAATGAATGAACGGAATGTGCCCTGCACATATGCTGTTTG	485
Qy	796	CAACCGCTTACAAATCATCAAACTGCTGCTGCTGAGGCTGACATGATGACCAAGAA	855
Db	486	GGCCCAAGATCAAGTGGCAGAGGACCTGTGGCAATGGGGCCCTTGTGACATCTGTA	545
Qy	856	CCTGGCAGAAAGACCCCGACGGAC	880
Db	546	CAAGTATGGAGAGATGCTGTGGAC	570

RESULT 6

US-08-955-841-1
Sequence 1, Application US/08955841
Patent No. 6013782
GENERAL INFORMATION:
APPLICANT: Dedhar, Shoukat
APPLICANT: Hannigan, Greg
TITLE OF INVENTION: Integrin-Linked Kinase and
TITLE OF INVENTION: Its Uses
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Avenue, Suite 200
CITY: Palo Alto
STATE: CA

```

; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/955,841
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: KIN-2CIP1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650 327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1789 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-955-841-1
;
Query Match 5.5%; Score 64.2; DB 3; Length 1789;
Best Local Similarity 49.8%; Pred. No. 6.2e-07;
Matches 162; Conservative 0; Mismatches 163; Indels 0; Gaps 0;

Qy 556 GGATCGCTGGAGTGCACAGCCATGATGGGCTCCCGGGGGGCCACTTAGAGGTGGT 615
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 246 GGAGCATGTGGGTTCTCCCGCTTGCATGGGCTCCGAGAGCGCGCTCTGCTGTGGT 305
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 616 GAAATCTCTCAAGCCATGGACGACAGCACCATTGTAGGGATAAGCTCTGAGCACCCC 675
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 306 TGAGATGTTGATCATGGGGGGCGACGGATCAATGTAATGAACCGTGGGGATGCACACCC 365
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 676 GCTGCAGTGGCAGTCGGGACAGGGCAGGTGGAGATTGTGGAGCACTTTCTATCCCTGGG 735
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 366 CCTGCATCTGGCAGCCAGTCATGGACACCGTGATATTGTACAGAAGCTATTGCAGTACAA 425
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 736 CTTGGAATCAATGCCAGACAGGAGGGGATACTGCCCTGCATGACGCTGTGAGGCT 795
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 426 GGCAGACATCAATGTCAGTGAATGAACACGGGAATGTGCCCTCGCACTATGCTGTTTTG 485
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 796 CAACCGCTACAAATCATCAACTGCTGTCTTCATGGGGGTGACATCATGACCAAGAA 855
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 486 GGGCCAAAGATCAAGTGCAGAGACCTGGTGGCAAAATGGGGCCCTTGTTCAGCATCTGAA 545
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 856 CTTGGCAGGAAGACCCGACGGAC 880
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 546 CAAGATGGAGAGATGCTGTGGAC 570
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

RESULT 7
US-09-428-219-3
; Sequence 3, Application US/09428219
; Patent No. 617723
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION
; FILE REFERENCE: RTS-0101
; CURRENT APPLICATION NUMBER: US/09/428,219
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 3

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Query Match	5.5%	Score 64.2	DB 4	Length 1789
Best Local Similarity	49.8%	Pred. No. 6.2e-07		
Matches 162	Conservative 0	Mismatches 163	Indels 0	Gaps 0
QY	556	GGATCGGCTGCATGCGACAGCCATGCATTTGGGCTTCGCCGCGGGGCCACTTTAGAGGTGGT	615	
Db	246	GGAGCATCATGGCTTCTCCCTTTGCATCTGGGCTTCGCCGAGAGCGCCCTCTGCTGTGGT	305	
QY	616	GAACCTTCTCAAAGCCATGGAGCAGACACCAATGTGNGGGATAGCTGTGAGCACCC	675	
Db	306	TGAGATGTTGATCATGCGGGGGCAGGATCAATGTTATGAACCGTGGGGATGACACCC	365	
QY	676	GCTCAGCTGGCAGTCCGGACAGGGCAGTGGAGATTGTGGAGCACTTTCATCCCTGGG	735	
Db	366	CTGCATCTGGCAGCCAGTCATGGACCCGTGATATTGCACAGAAGCTATTGCAGTACAA	425	
QY	736	CTTGGAAATCAATGCCAGACAGGGAAGGGATCTGCCCTGCATGACGCTGTGAGGCT	795	
Db	426	GGCAGACATCAATGCATGTAATGAACCGGCAATGTGCCCTCGCACTATGCTGTTTTG	485	
QY	796	CAACCGCTACAAATCATCAACTGCTCTCTGCATGGGGCTGACATGATGACCAAGAA	855	
Db	486	GGGCCAAGATCAAGTGGCAGAGGACCTGGTGGCAAAATGGGGCCCTTGTGCAGCATCTGPA	545	

;; TITLE OF INVENTION: OF USE THEREOF
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Klauber & Jackson
;; STREET: 411 Hackensack Avenue, 4th Floor
;; CITY: Hackensack
;; STATE: New Jersey
;; COUNTRY: USA
;; ZIP: 07601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/196,387
;; FILING DATE:
;; CLASSIFICATION:
;; PRIORITY APPLICATION DATA:
;; APPLICATION NUMBER: 09/095,225
;; FILING DATE: June 10, 1998
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jackson Esq., David A.
;; REGISTRATION NUMBER: 26,742
;; REFERENCE/DOCKET NUMBER: 600-1-230 CIP1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 201-487-5800
;; TELEFAX: 201-343-1684
;; TELEX: 133521
;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 4134 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: CDNA
;; HYPOTHETICAL: NO
;; US-09-196-387-1

Query Match 5.4%; Score 62; DB 4; Length 4134;
Best Local Similarity 49.7%; Pred. No. 2.8e-06;
Matches 158; Conservative 0; Mismatches 160; Indels 0; Gaps 0;

Qy 567 ACTGCACAGCCATGCATTGGGCGCTGCCGGGGCCACTTAGAGGTGGTGAACCTTCGCG 626
Db 2515 ATTCACCCCTCTGCACCTGGCAGCGCTATATAACCTGGAAGTAGCTGAATATCTTC 2574
Qy 627 AAGCCATGGAGCAGACACCAATGTGAGGGATAAGCTGCTGAGCACCCTGCGACGTGG 686
Db 2575 TAGAGCATGGAGCTGATGTTAATGCCAGGACAAGGTGGTTTAACTCTTCATAATG 2634
Qy 687 CAGTCCGGACAGCGAGGTGGAGATTGGAGCAGCTTCTATCCCTGGGCTCGAATCA 746
Db 2635 CGGCATCTTATGGGCATGTTGACATAGCGGCTTTATTGATAAATAACACAGCTGTGTA 2694
Qy 747 ATGCCAGACAGGGAAGGGGATAGTCCCTGCGATGAGCGCTGTGAGGCTCAACCGCTACA 806
Db 2695 ATGCAACAGATAAGTGGCGCTTTACTCCCTCCATGAGCAGCCAGAAAGAGGAGCGC 2754
Qy 807 AAATCATCAAACTGCTGCTCCTGATGGGGGTGACATGATGACCAAGAACCTTGCAGGAA 866
Db 2755 AGCTGTGGCGCTCTCTCTAGCGCATGTTGACAGACCCCAACCATGAAGAACCAGGAAGGCC 2814
Qy 867 AGACCCCGACGCGACTGG 884
Db 2815 AGACGCTCTGGATCTGG 2832

RESULT 14
US-09-387-7
; Sequence 7, Application US/09196387
; Patent No. 6277613
; GENERAL INFORMATION:

;; APPLICANT: de Lange, Titia
;; APPLICANT: Smith, Susan
;; TITLE OF INVENTION: A PROTEIN THAT BINDS TO TRF1 AND METHODS
;; TITLE OF INVENTION: OF USE THEREOF
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Klauber & Jackson
;; STREET: 411 Hackensack Avenue, 4th Floor
;; CITY: Hackensack
;; STATE: New Jersey
;; COUNTRY: USA
;; ZIP: 07601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/196,387
;; FILING DATE:
;; CLASSIFICATION:
;; PRIORITY APPLICATION DATA:
;; APPLICATION NUMBER: 09/095,225
;; FILING DATE: June 10, 1998
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jackson Esq., David A.
;; REGISTRATION NUMBER: 26,742
;; REFERENCE/DOCKET NUMBER: 600-1-230 CIP1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 201-487-5800
;; TELEFAX: 201-343-1684
;; TELEX: 133521
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 4491 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: CDNA
;; HYPOTHETICAL: NO
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 6..2027
;; US-09-196-387-7

Query Match 5.4%; Score 62; DB 4; Length 4491;
Best Local Similarity 49.7%; Pred. No. 2.9e-06;
Matches 158; Conservative 0; Mismatches 160; Indels 0; Gaps 0;

Qy 567 ACTGCACAGCCATGCATTGGGCGCTGCCGGGGCCACTTAGAGGTGGTGAACCTTCGCG 626
Db 2872 ATTCACCCCTCTGCACCTGGCAGCAGCGCTATAAATCACTGGAAGTAGCTGAATATCTTC 2931
Qy 627 AAGCCATGGAGCAGACACCAATGTGAGGGATAAGCTGCTGAGCACCCTGCGACGTGG 686
Db 2932 TAGAGCATGGAGCTGATGTTAATGCCAGGACAAGGTGGTTTAACTCTTCATAATG 2991
Qy 687 CAGTCCGGACAGCGAGGTGGAGATTGGAGCAGCTTCTATCCCTGGGCTCGAATCA 746
Db 2992 CGGCATCTTATGGGCATGTTGACATAGCGGCTTTATTGATAAATAACACAGCTGTGTA 3051
Qy 747 ATGCCAGACAGGGAAGGGGATAGTCCCTGCGATGAGCGCTGTGAGGCTCAACCGCTACA 806
Db 3052 ATGCAACAGATAAGTGGCGCTTTACTCCCTCCATGAGCAGCCAGAAAGAGGAGCGC 3111
Qy 807 AAATCATCAAACTGCTGCTCCTGATGGGGGTGACATGATGACCAAGAACCTTGCAGGAA 866
Db 3112 AGCTGTGGCGCTCTCTCTAGCGCATGTTGACAGACCCCAACCATGAAGAACCAGGAAGGCC 3171
Qy 867 AGACCCCGACGCGACTGG 884
Db 3172 AGACGCTCTGGATCTGG 3189

